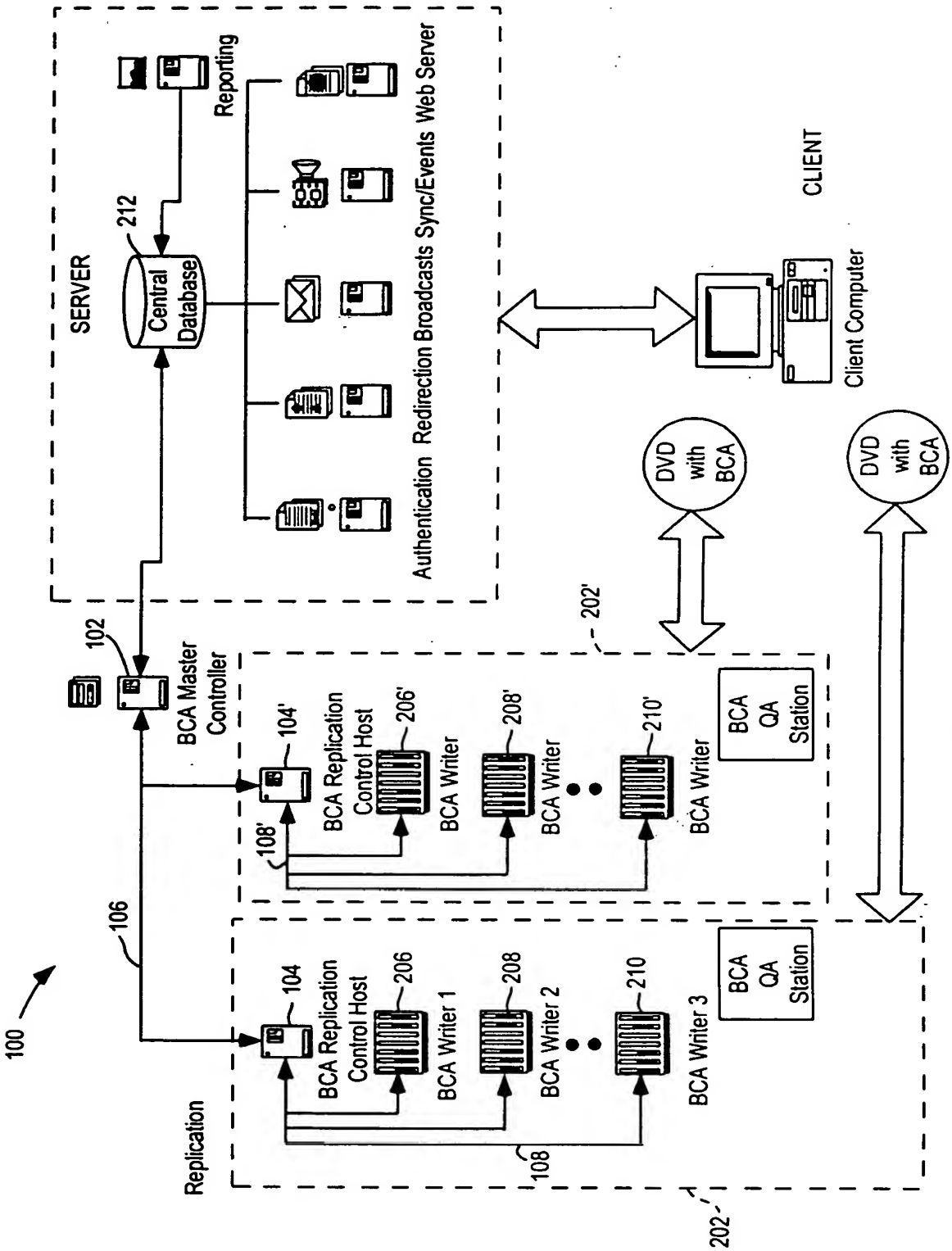

SERVER
Central Database
212
Reporting
Authentication Redirection Broadcasts Sync/Events Web Server
CLIENT
Client Computer
DVD with BCA
DVD with BCA
102
BCA Master Controller
202'
104'
BCA Replication Control Host
206'
BCA Writer
208'
BCA Writer
210'
BCA Writer
BCA QA Station
108'
106
100
104
BCA Replication Control Host
206
BCA Writer 1
208
BCA Writer 2
210
BCA Writer 3
BCA QA Station
Replication
108
202

Fig. 1

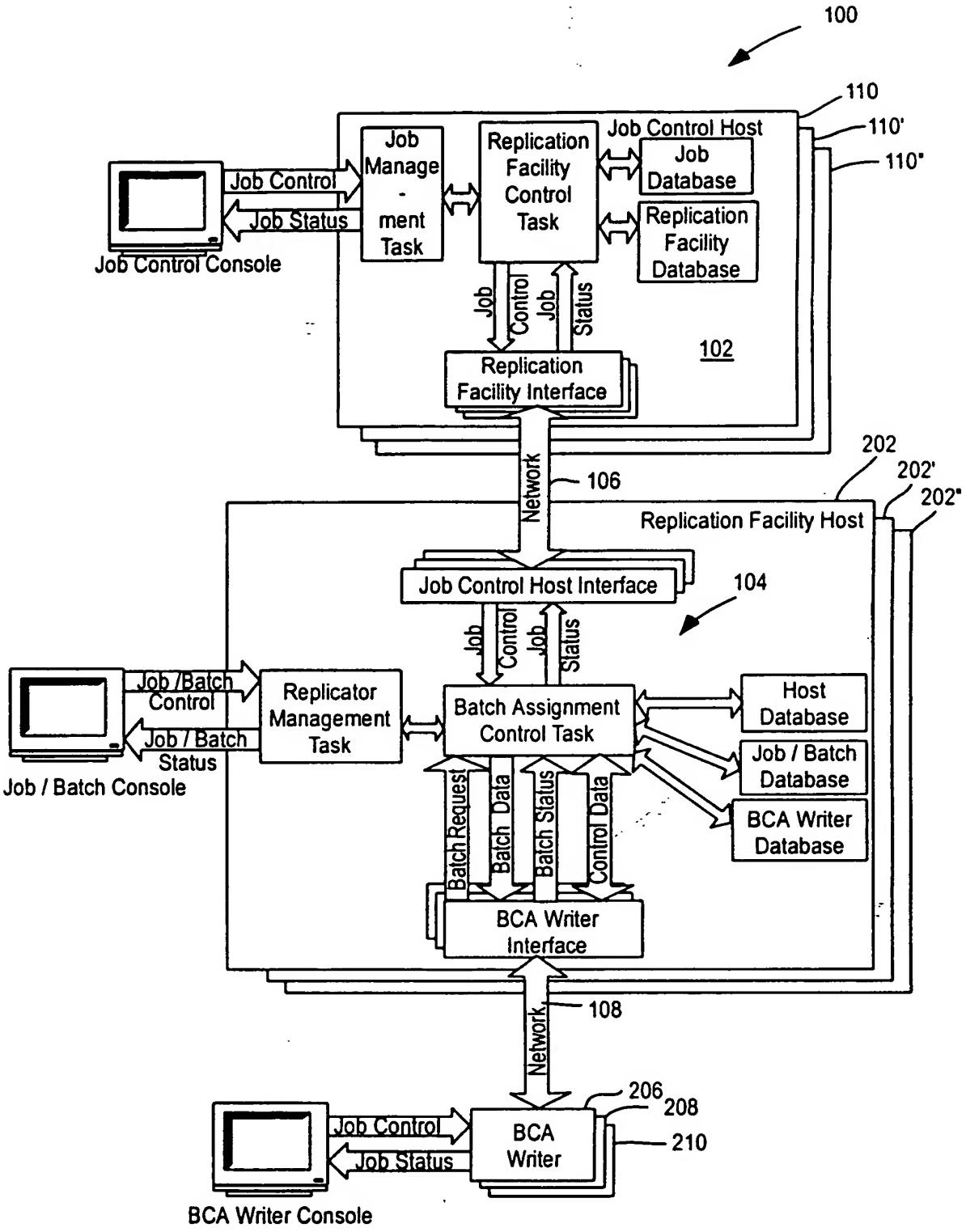

100
110
110'
110"
Job Control Host
Job Manage - ment Task
Replication Facility Control Task
Job Database
Replication Facility Database
Job Control
Job Status
Job Control Console
Job Control
Status
102
Replication Facility Interface
202
202'
202"
Network
106
Replication Facility Host
Job Control Host Interface
104
Job /Batch Control
Job / Batch Status
Job / Batch Console
Replicator Management Task
Batch Assignment Control Task
Host Database
Job / Batch Database
BCA Writer Database
Batch Request
Batch Data
Batch Status
Control Data
BCA Writer Interface
108
Network
206
208
210
Job Control
Job Status
BCA Writer
BCA Writer Console

Fig. 2

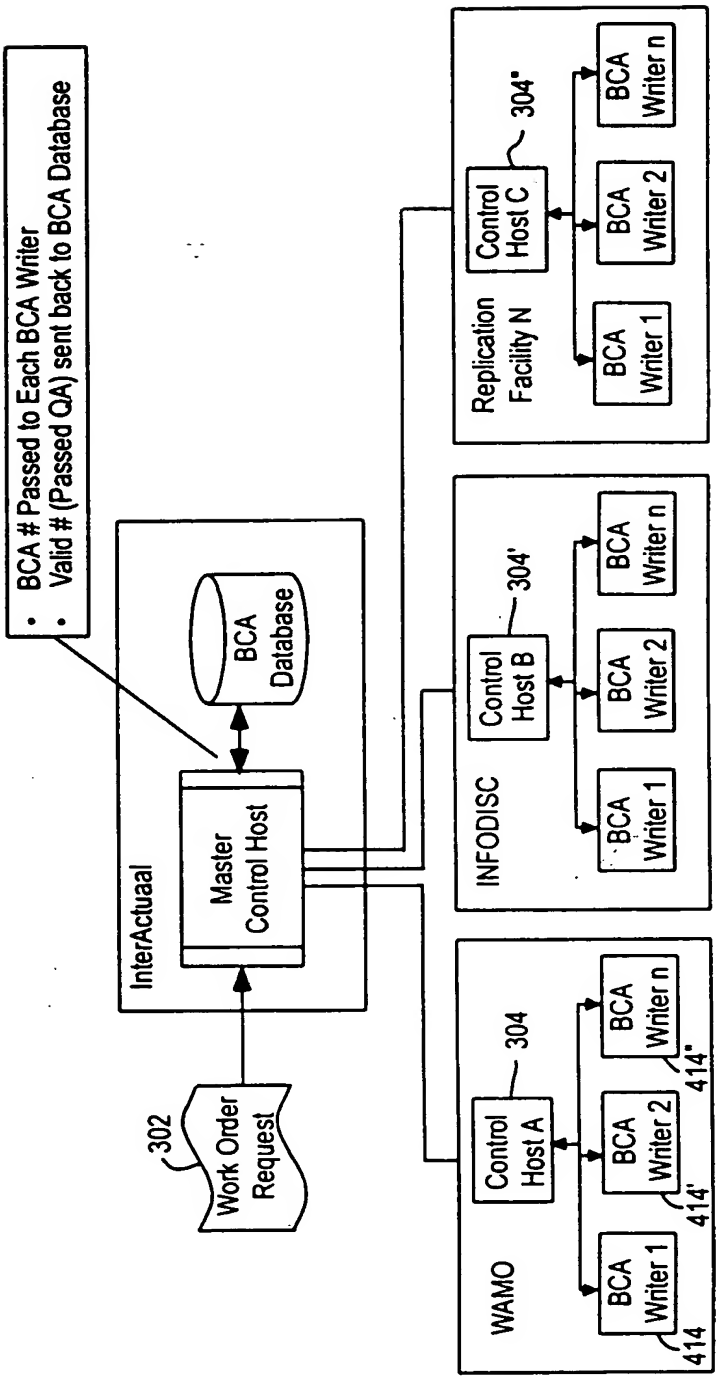
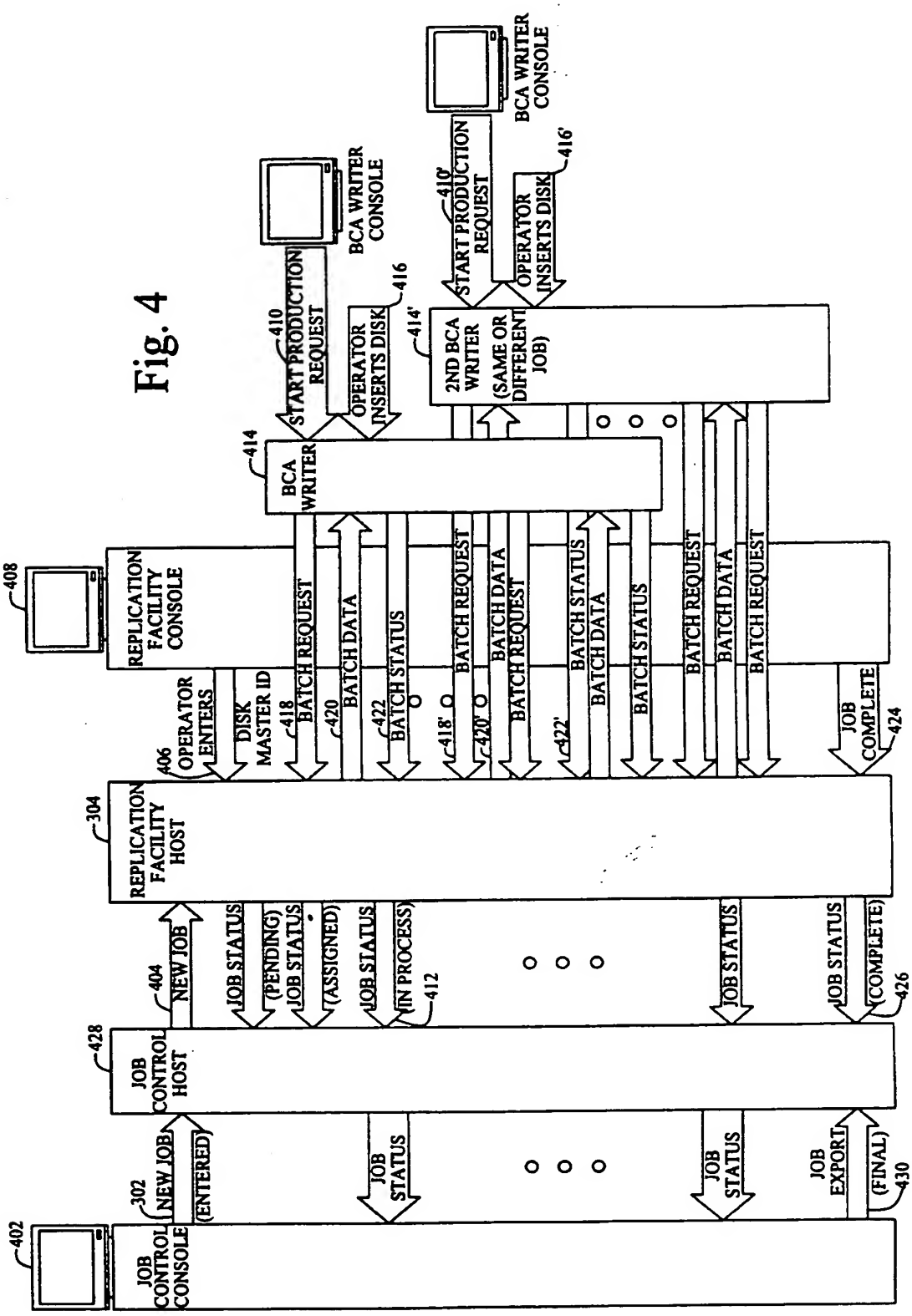

• BCA # Passed to Each BCA Writer
• Valid # (Passed QA) sent back to BCA Database
InterActuaal
Master Control Host
BCA Database
302
Work Order Request
WAMO
Control Host A
304
BCA Writer 1
BCA Writer 2
BCA Writer n
414
414'
414"
INFODISC
Control Host B
304'
Replication Facility N
Control Host C
304"

Fig.3

Fig. 4


JOB CONTROL CONSOLE
402
JOB CONTROL HOST
428
REPLICATION FACILITY HOST
304
REPLICATION FACILITY CONSOLE
408
BCA WRITER
414
2ND BCA WRITER (SAME OR DIFFERENT JOB)
414'
BCA WRITER CONSOLE
BCA WRITER CONSOLE
302 NEW JOB (ENTERED)
404 NEW JOB
406 OPERATOR ENTERS DISK MASTER ID
410 START PRODUCTION REQUEST
410' START PRODUCTION REQUEST
416 OPERATOR INSERTS DISK
416' OPERATOR INSERTS DISK
418 BATCH REQUEST
418' BATCH REQUEST
420 BATCH DATA
420' BATCH DATA
422 BATCH STATUS
422' BATCH STATUS
JOB STATUS (PENDING)
JOB STATUS (ASSIGNED)
JOB STATUS (IN PROCESS)
412
JOB STATUS
JOB STATUS (COMPLETE)
426
JOB EXPORT (FINAL)
430
JOB COMPLETE
424

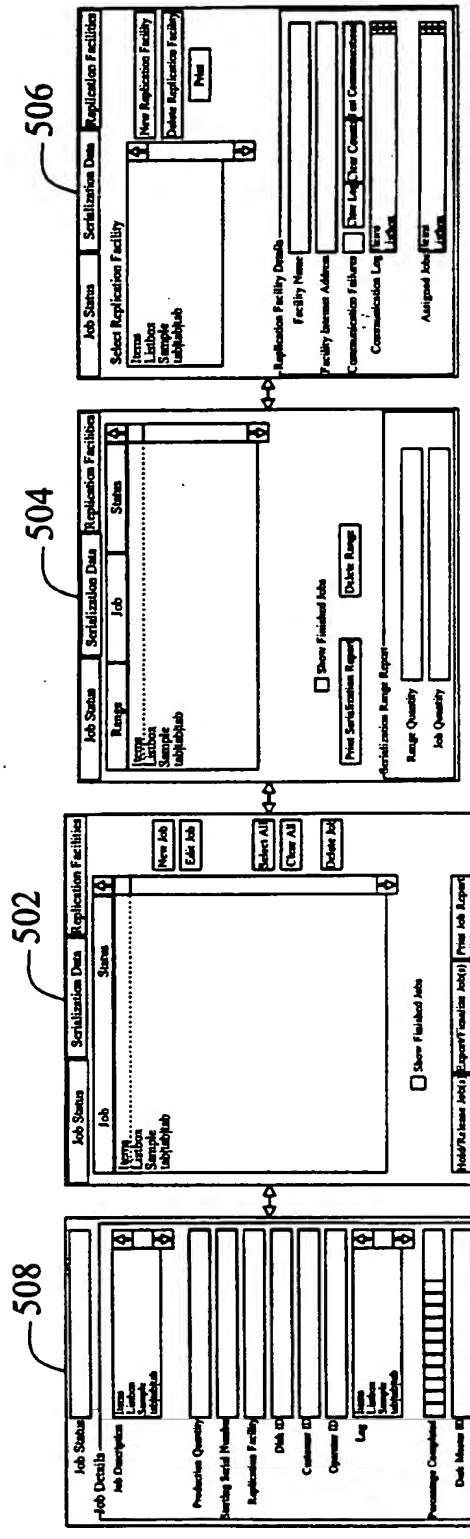

506
504
502
508
Job Status
Serialization Data
Replication Facilities
Select Replication Facility
New Replication Facility
Delete Replication Facility
Print
Job
Range
Status
Show Finished Jobs
Delete Range
Print Serialization Report
Range Quantity
Job Quantity
New Job
Edit Job
Select All
Clear All
Delete Job
Print Job Report
Job Details
Job Description
Production Quantity
Starting Serial Number
Replication Facility
Disk ID
Customer ID
Operator ID
Log
Percentage Completed
Disk Master ID
Status
Quantity Completed
Failure Count
OK
Cancel

Fig. 5

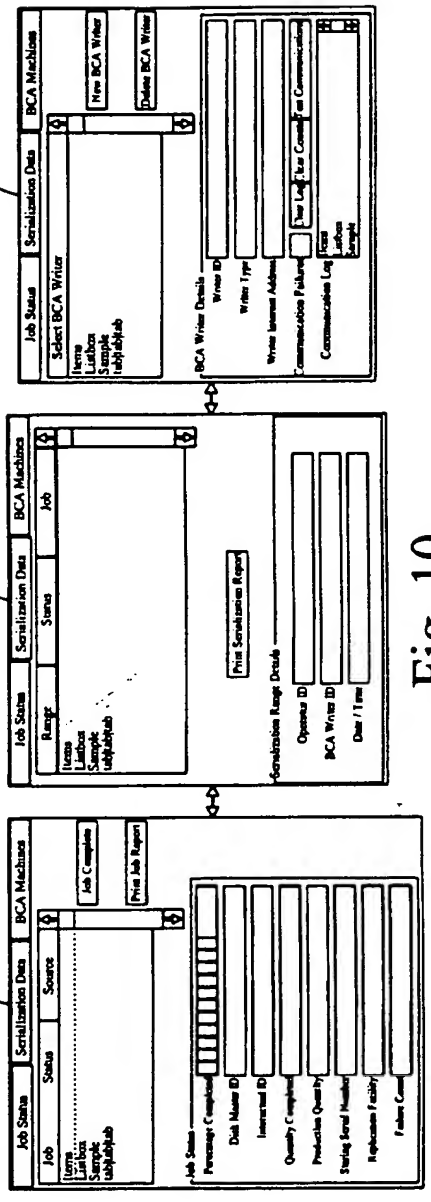

1006
1004
1002
Job Status
Serialization Data
BCA Machines
Select BCA Writer
New BCA Writer
Delete BCA Writer
BCA Writer Details
Writer ID
Writer Type
Writer Internet Address
Communication Failure
Communication Log
Job
Range
Status
Source
Print Serialization Report
Construction Range Details
Operator ID
BCA Writer ID
Date / Time
Job Complete
Print Job Report

Fig. 10

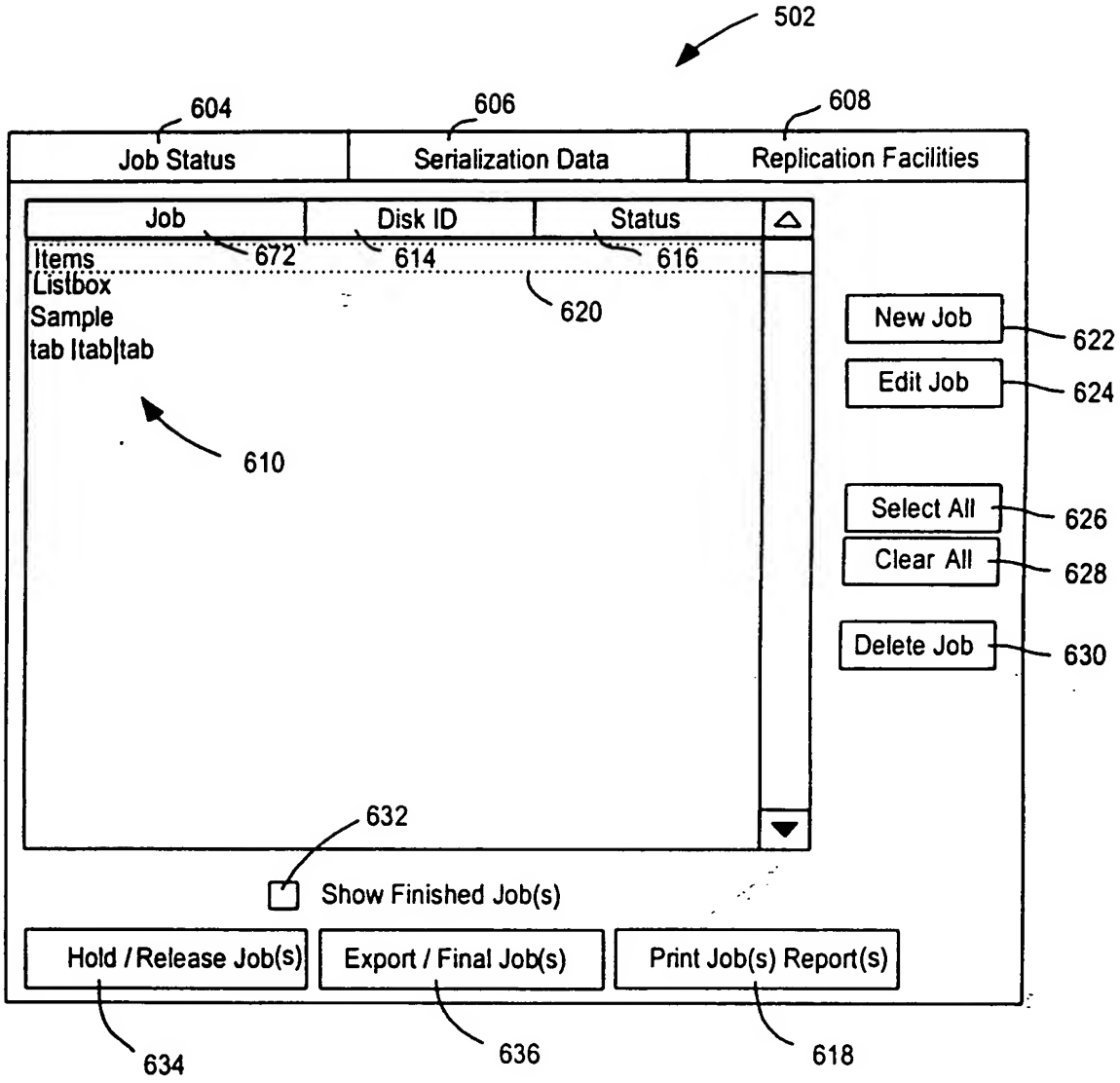

502
604
606
608
Job Status
Serialization Data
Replication Facilities
Job
Disk ID
Status
672
614
616
Items
Listbox
Sample
tab Itab|tab
620
610
New Job
622
Edit Job
624
Select All
626
Clear All
628
Delete Job
630
632
Show Finished Job(s)
Hold / Release Job(s)
Export / Final Job(s)
Print Job(s) Report(s)
634
636
618

Fig. 6

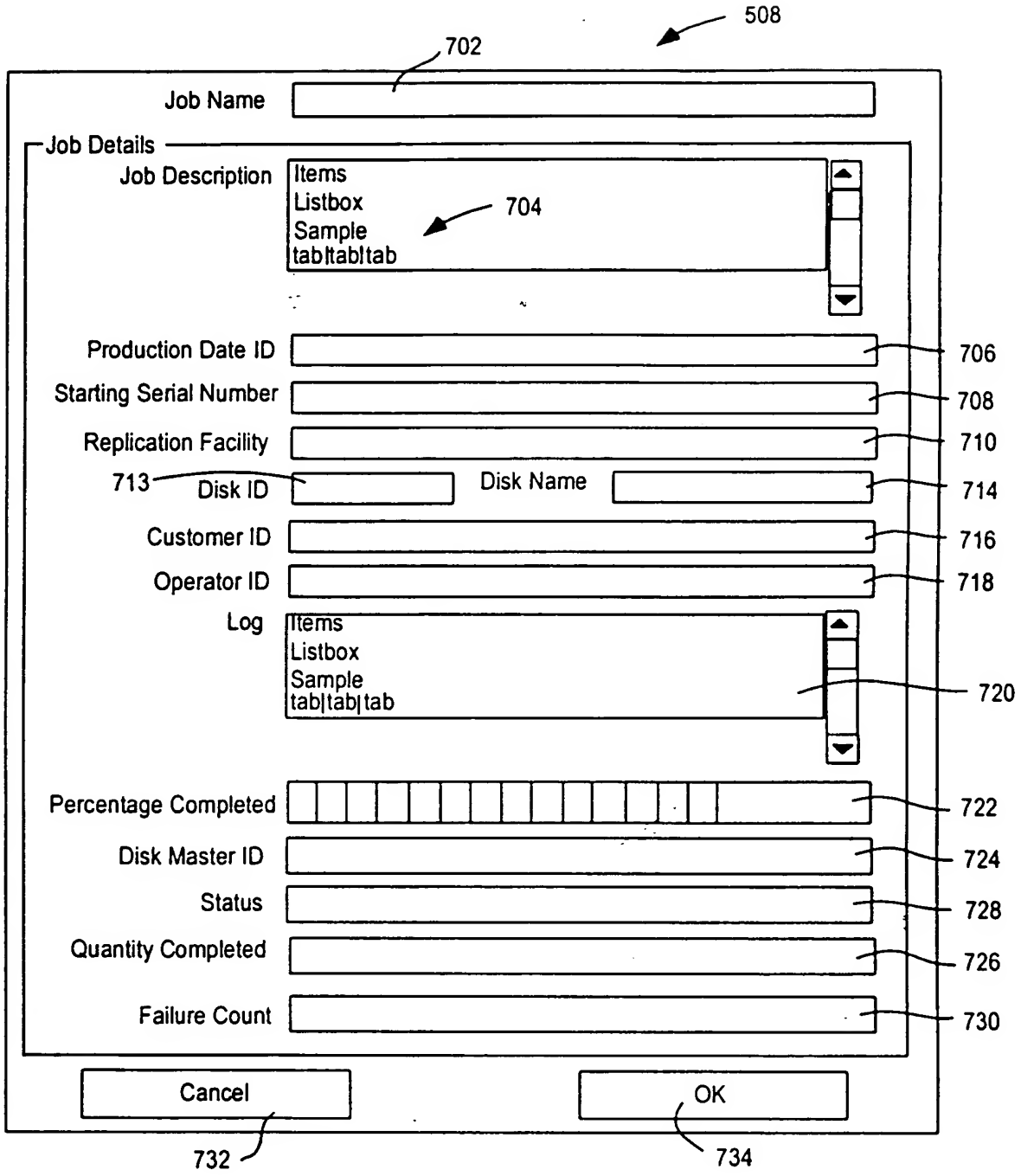

508
702
Job Name
Job Details
Job Description
Items
Listbox
Sample
tab|tab|tab
704
Production Date ID
706
Starting Serial Number
708
Replication Facility
710
713
Disk ID
Disk Name
714
Customer ID
716
Operator ID
718
Log
Items
Listbox
Sample
tab|tab|tab
720
Percentage Completed
722
Disk Master ID
724
Status
728
Quantity Completed
726
Failure Count
730
Cancel
OK
732
734

Fig. 7

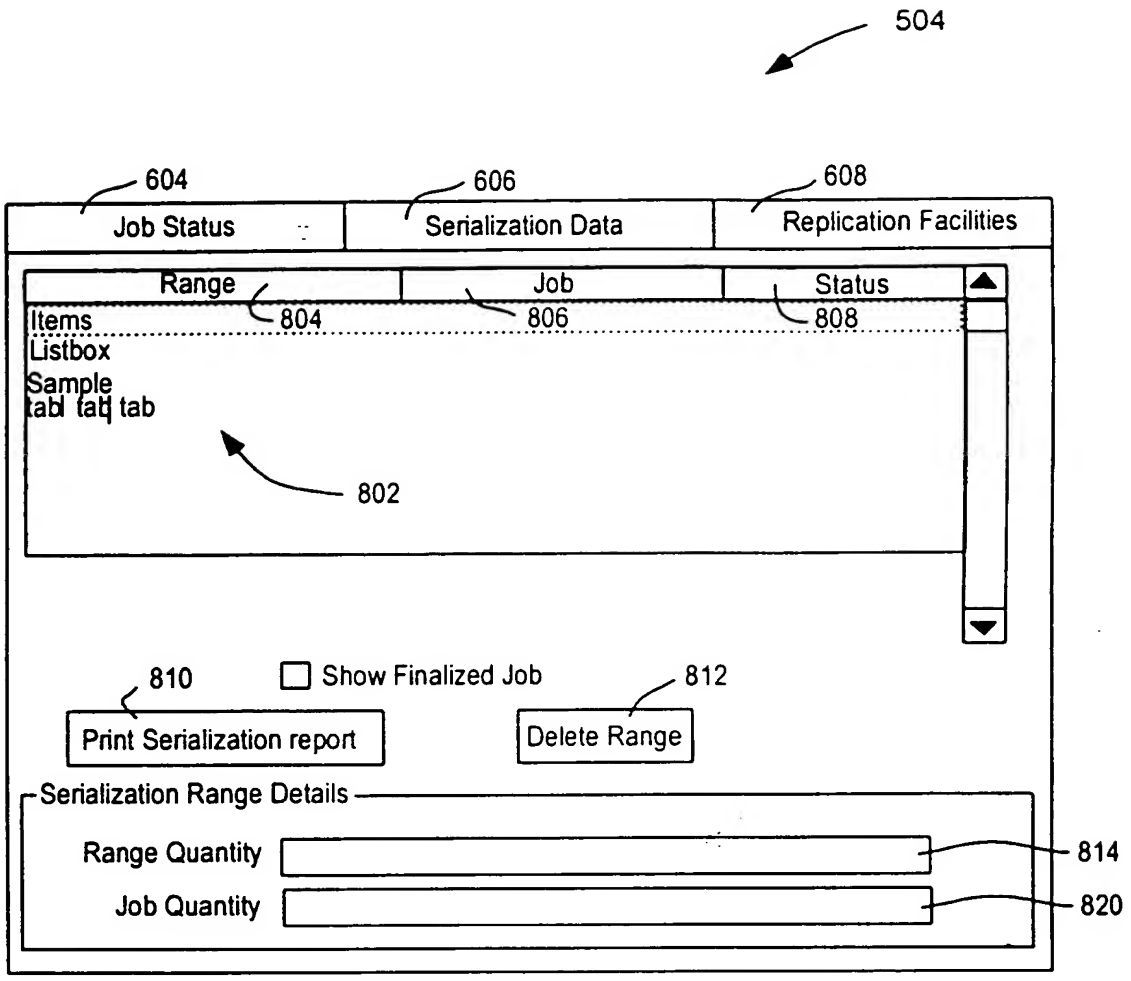

504
604
606
608
Job Status
Serialization Data
Replication Facilities
Range
Job
Status
Items
804
806
808
Listbox
Sample
tabl tat tab
802
810
Show Finalized Job
812
Print Serialization report
Delete Range
Serialization Range Details
Range Quantity
814
Job Quantity
820

Fig.8

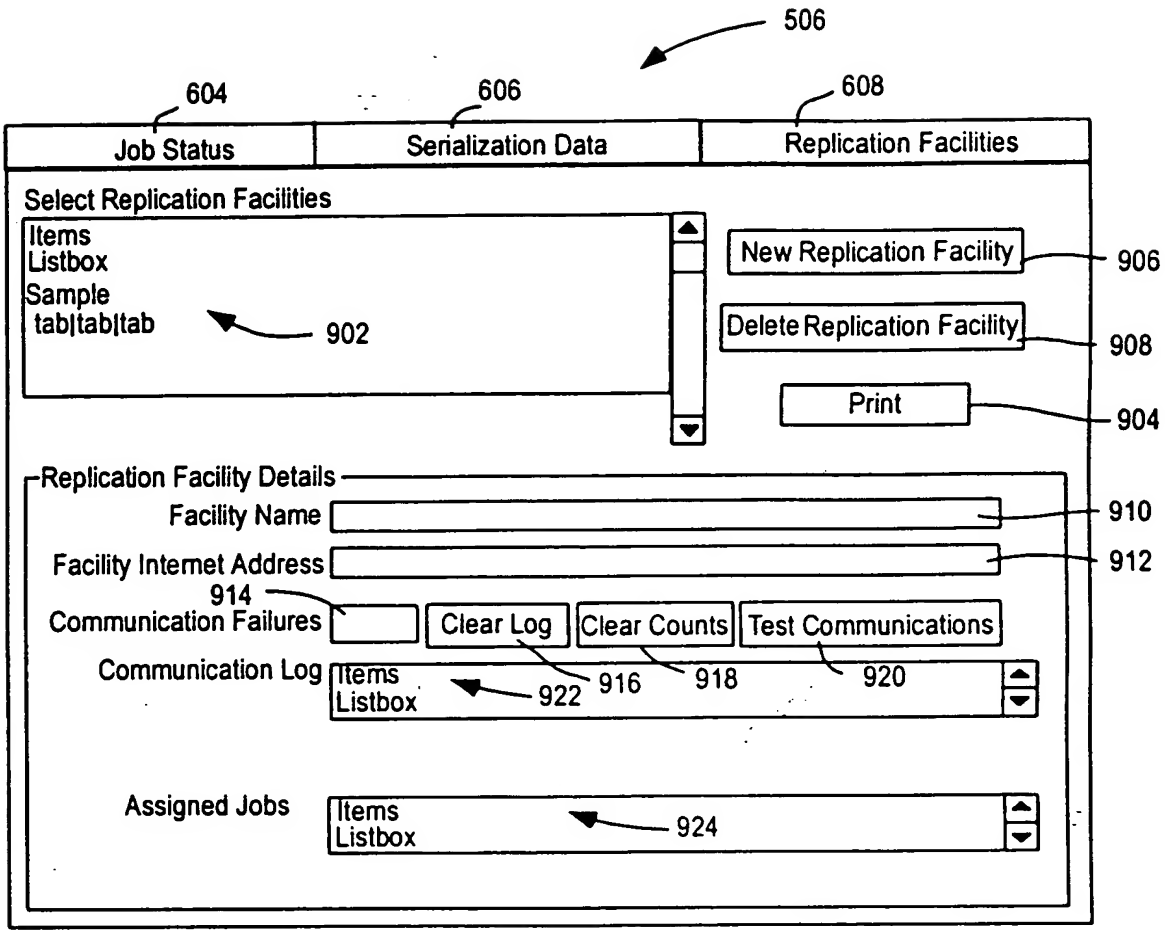

506
604
606
608
Job Status
Serialization Data
Replication Facilities
Select Replication Facilities
Items
Listbox
Sample
tab|tab|tab
902
New Replication Facility
906
Delete Replication Facility
908
Print
904
Replication Facility Details
Facility Name
910
Facility Internet Address
912
914
Communication Failures
Clear Log
Clear Counts
Test Communications
Communication Log
Items
Listbox
922
916
918
920
Assigned Jobs
Items
Listbox
924

Fig. 9

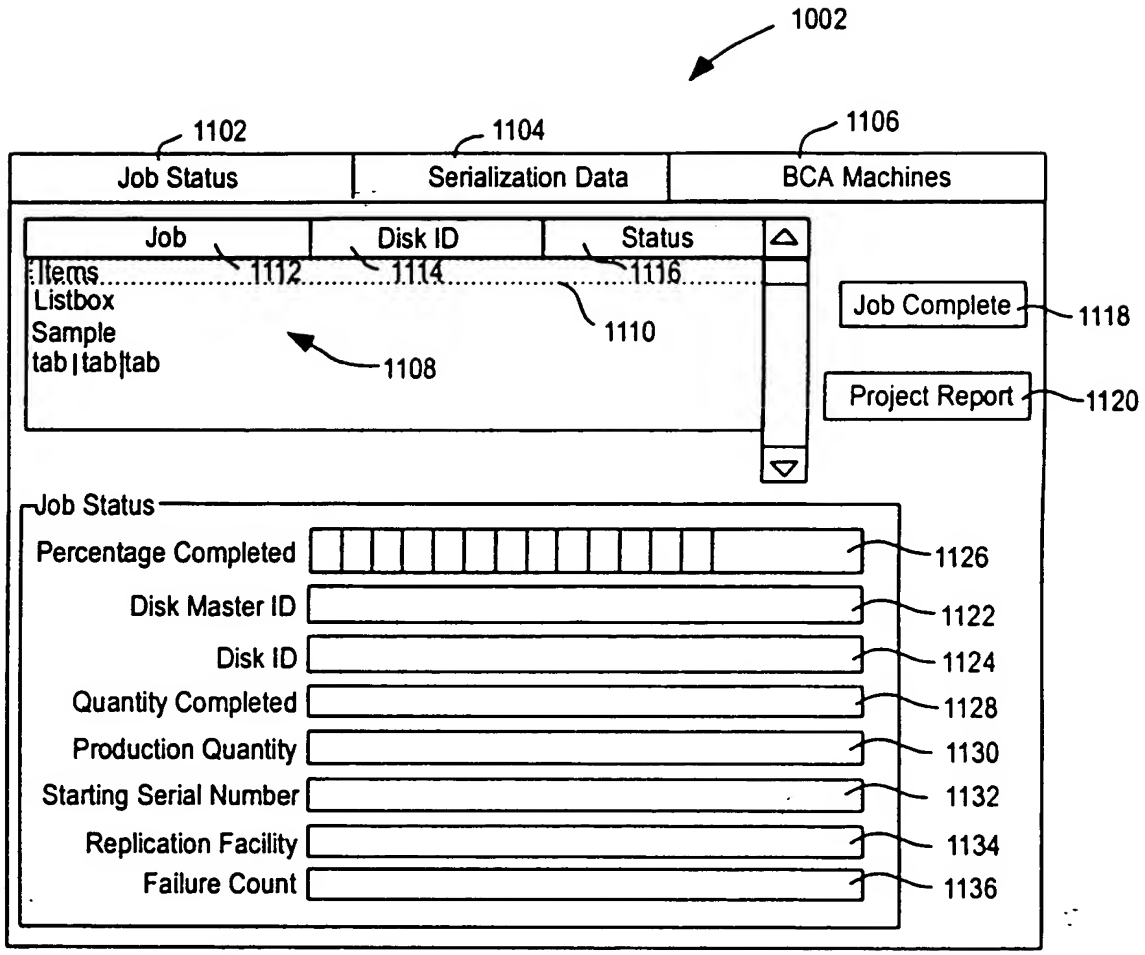

1002
1102
1104
1106
Job Status
Serialization Data
BCA Machines
Job
Disk ID
Status
Items
1112
1114
1116
Listbox
Sample
tab|tab|tab
1110
1108
Job Complete
1118
Project Report
1120
Job Status
Percentage Completed
1126
Disk Master ID
1122
Disk ID
1124
Quantity Completed
1128
Production Quantity
1130
Starting Serial Number
1132
Replication Facility
1134
Failure Count
1136

Fig. 11

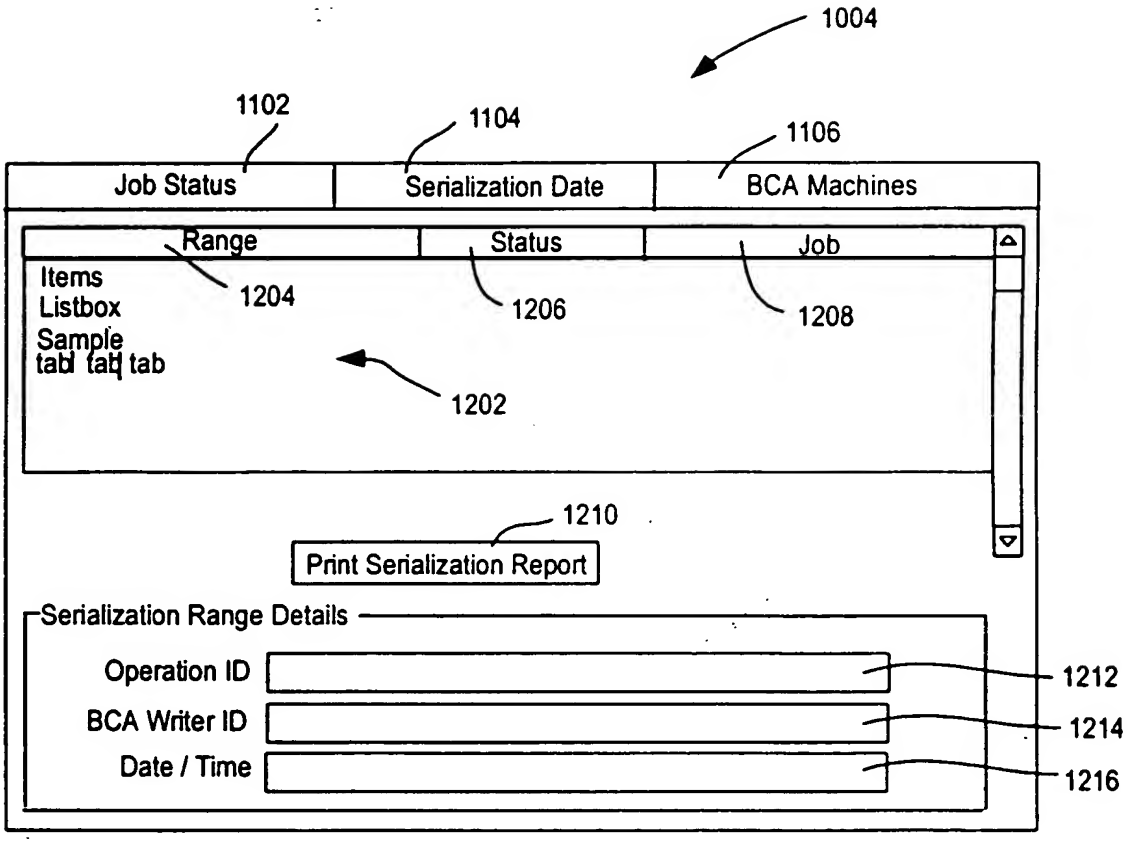

1004
1102
1104
1106
Job Status
Serialization Date
BCA Machines
Range
Status
Job
Items
Listbox
Sample
tab tab tab
1204
1206
1208
1202
1210
Print Serialization Report
Serialization Range Details
Operation ID
BCA Writer ID
Date / Time
1212
1214
1216

Fig. 12

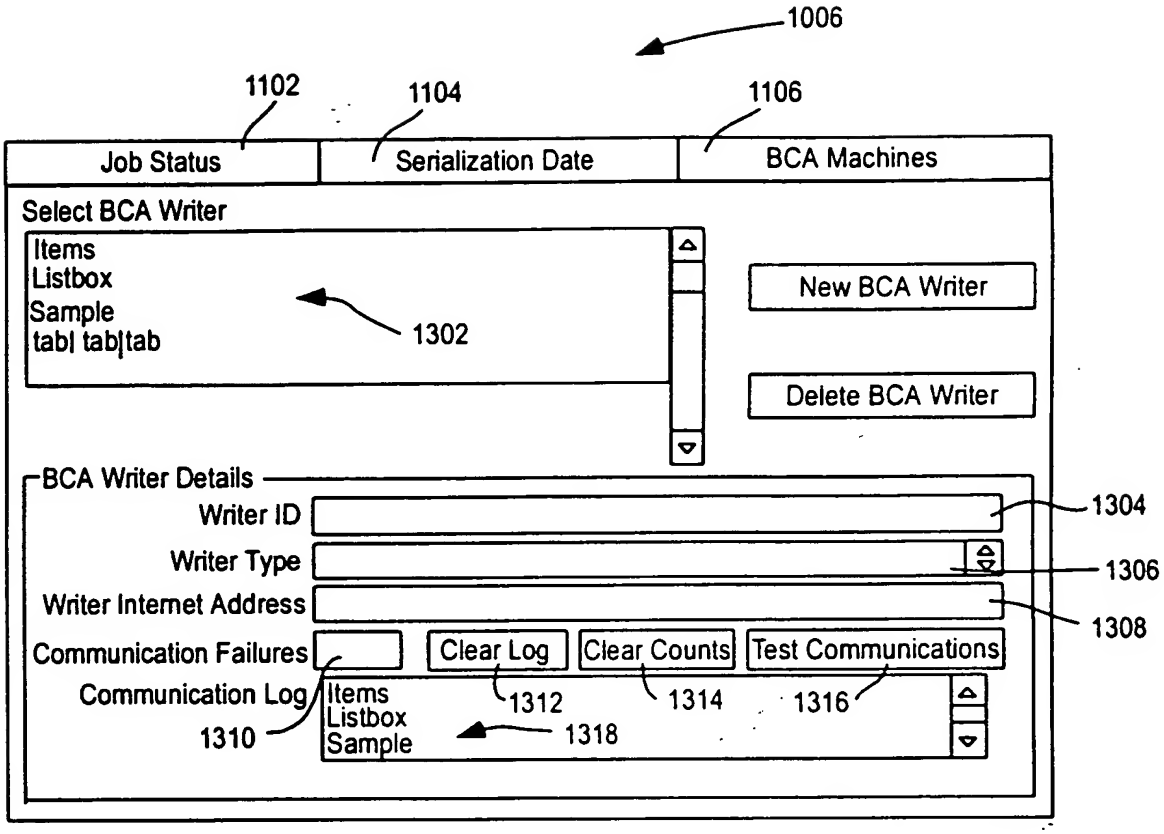

1006
1102
1104
1106
Job Status
Serialization Date
BCA Machines
Select BCA Writer
Items
Listbox
Sample
tabl tab|tab
1302
New BCA Writer
Delete BCA Writer
BCA Writer Details
Writer ID
Writer Type
Writer Internet Address
Communication Failures
Clear Log
Clear Counts
Test Communications
Communication Log
Items
Listbox
Sample
1304
1306
1308
1310
1312
1314
1316
1318

Fig. 13